

FIG. 1

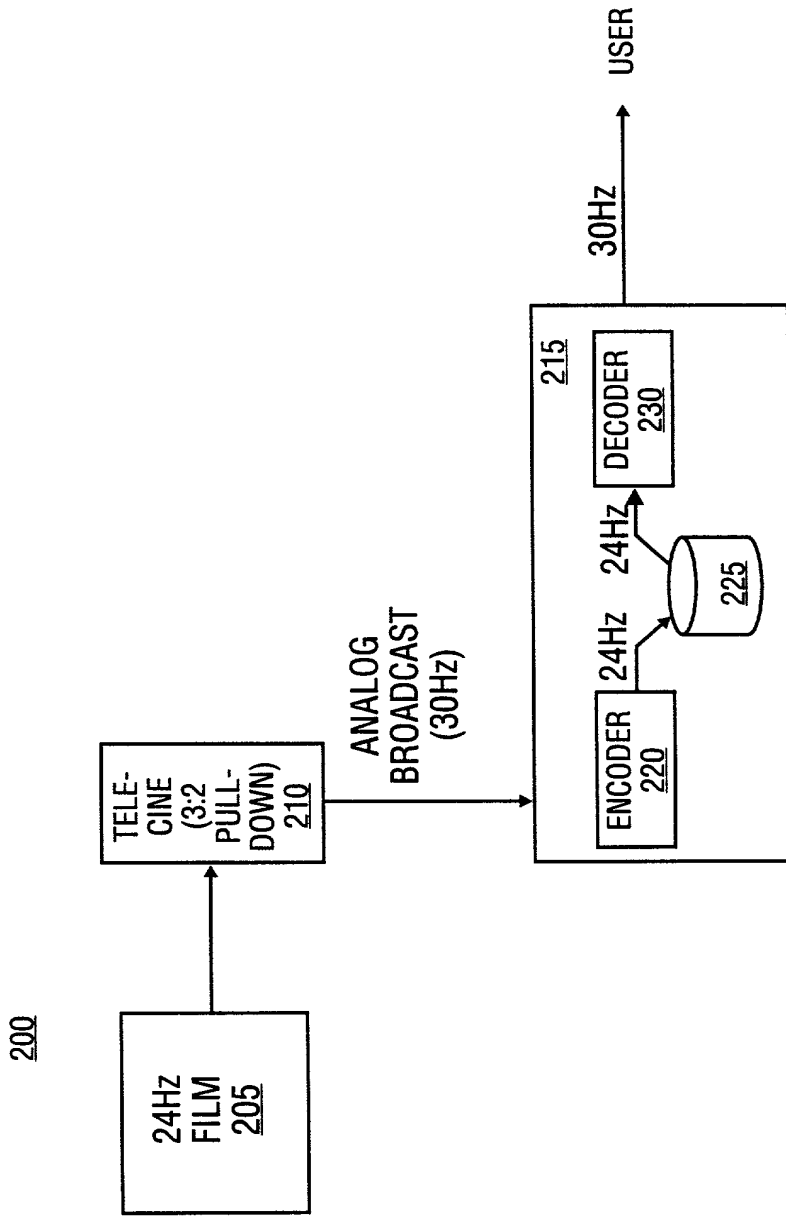


FIG. 2

300

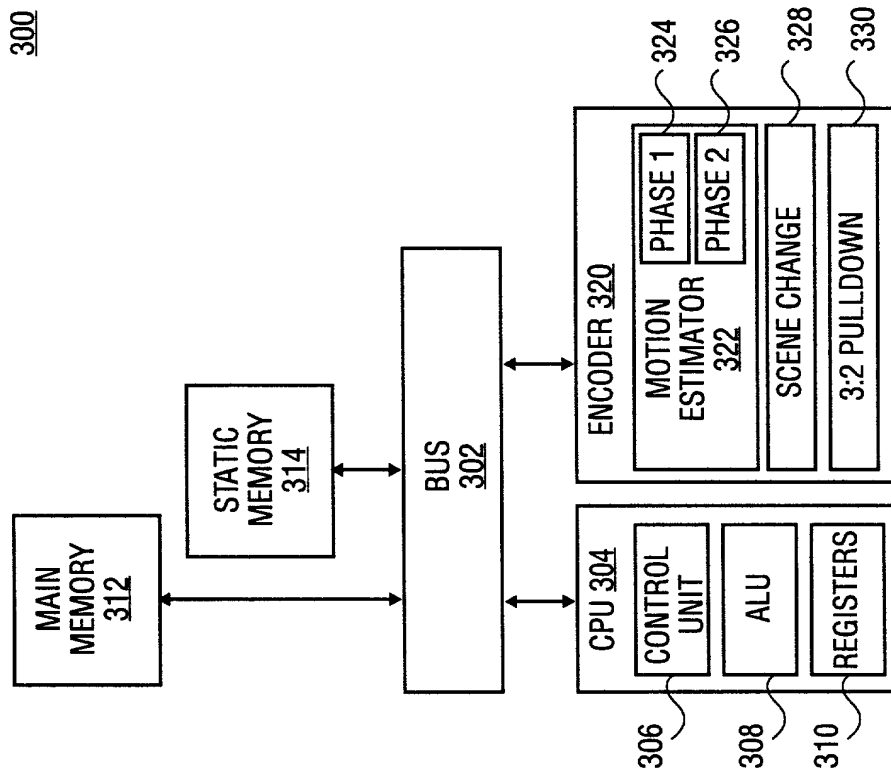


FIG. 3A

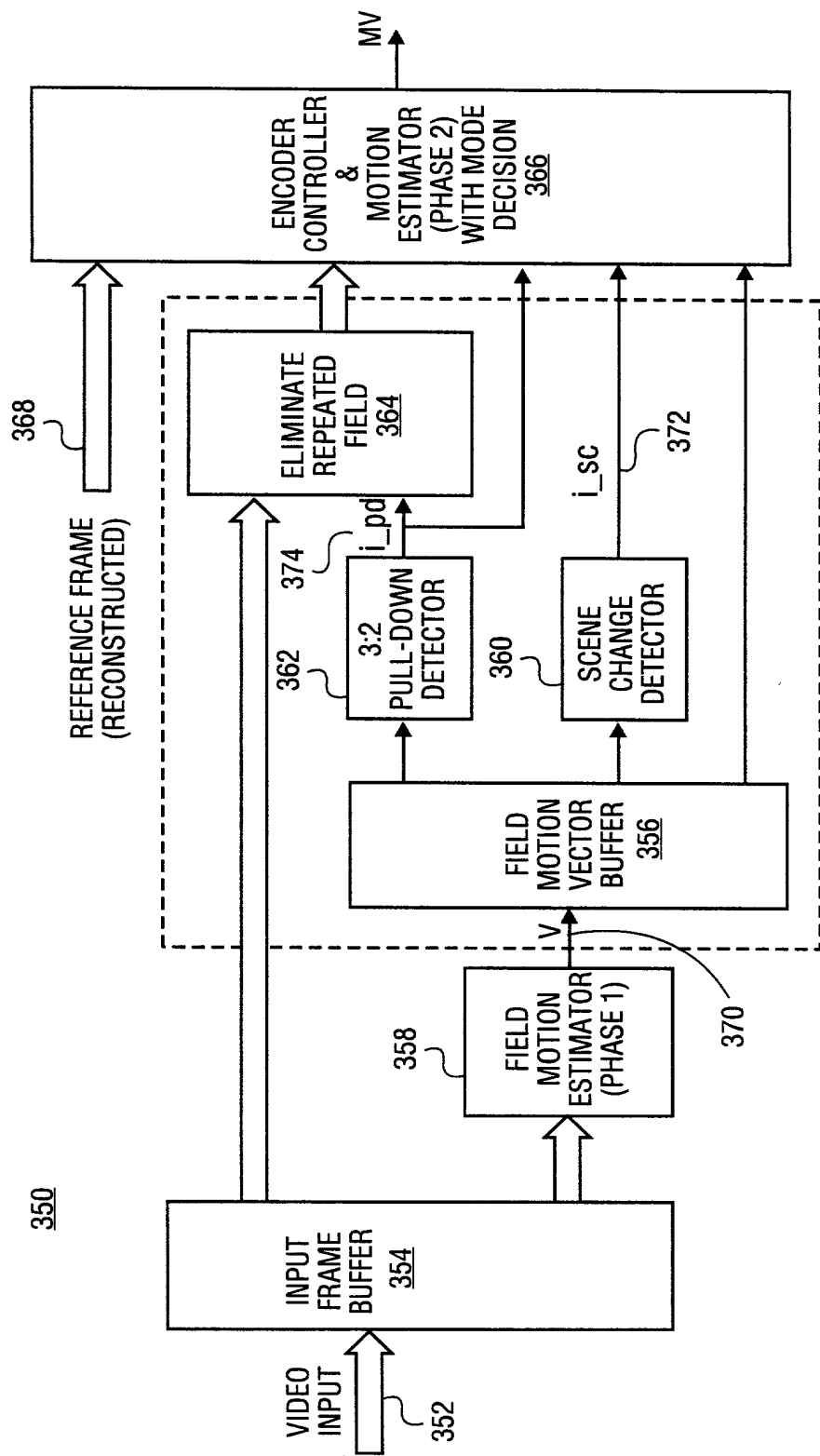


FIG. 3B

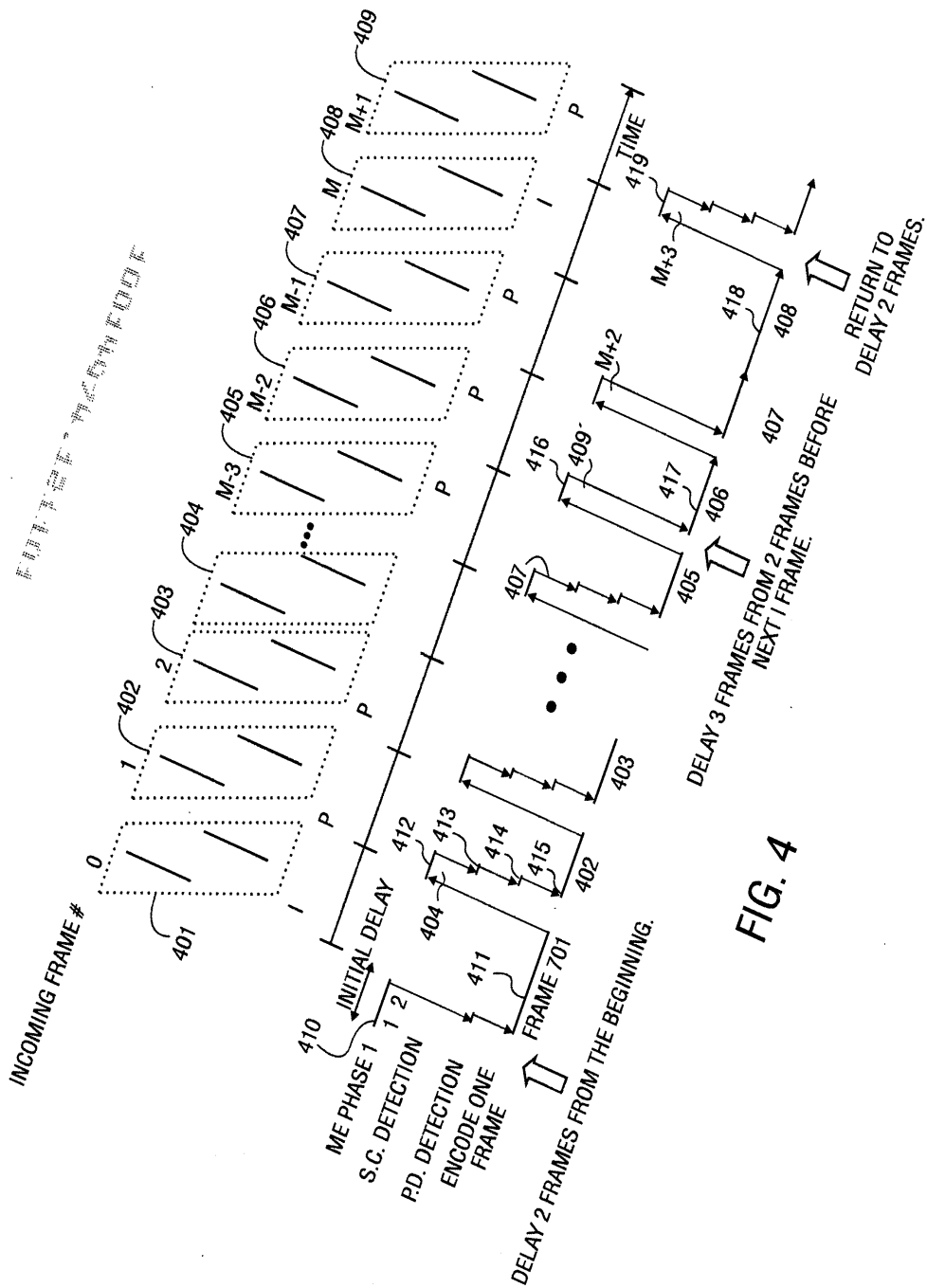


FIG. 4

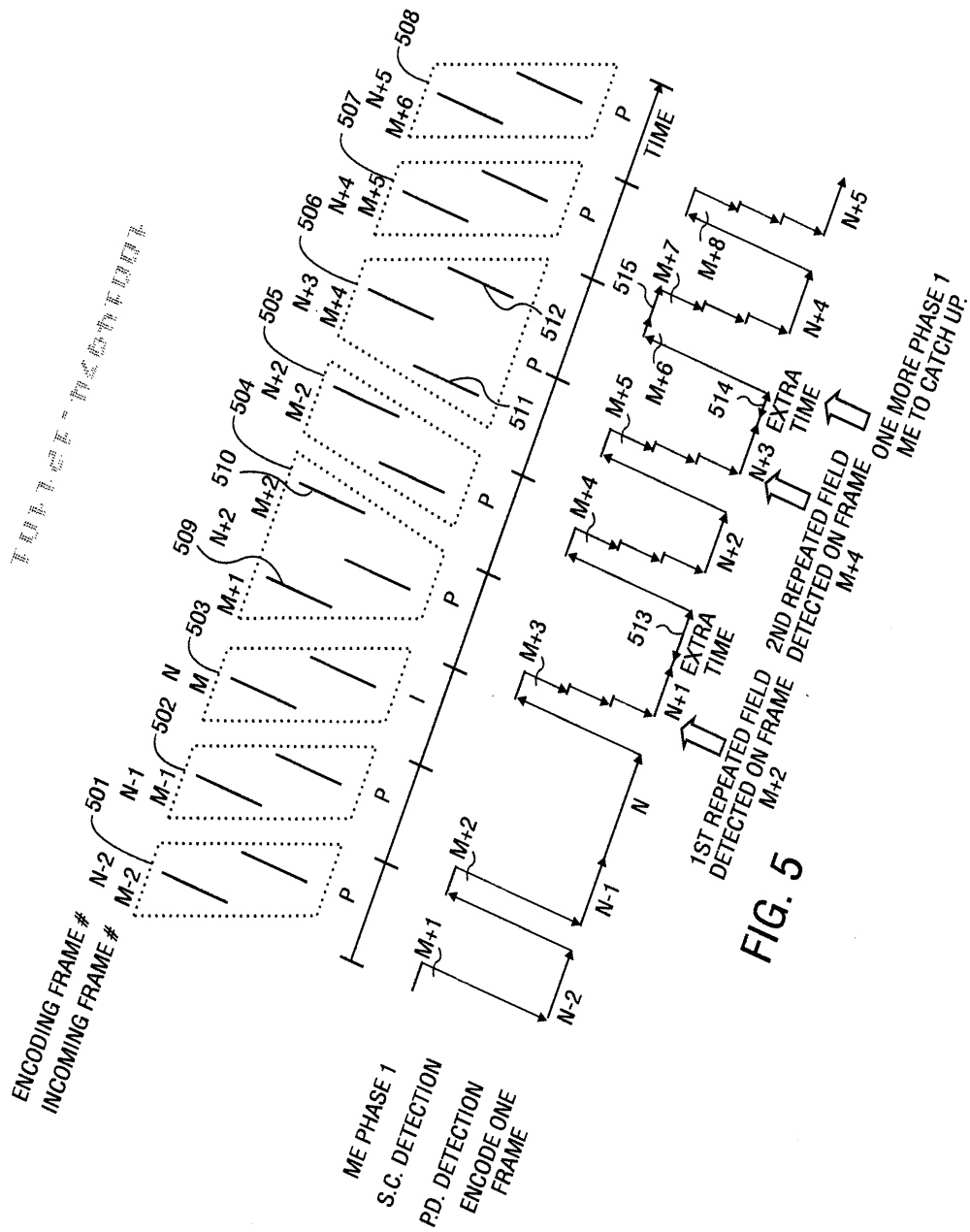


FIG. 5

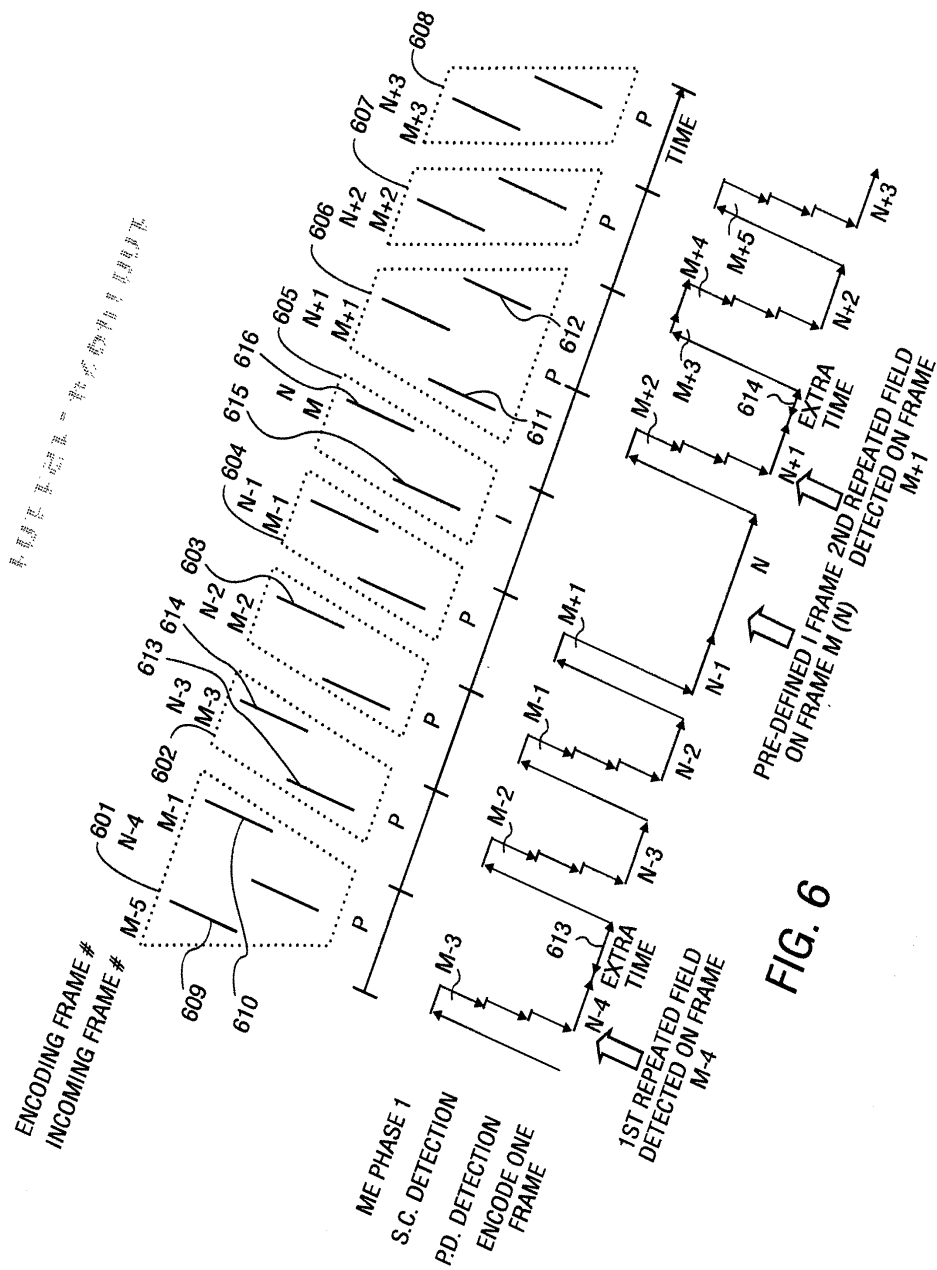


FIG. 6

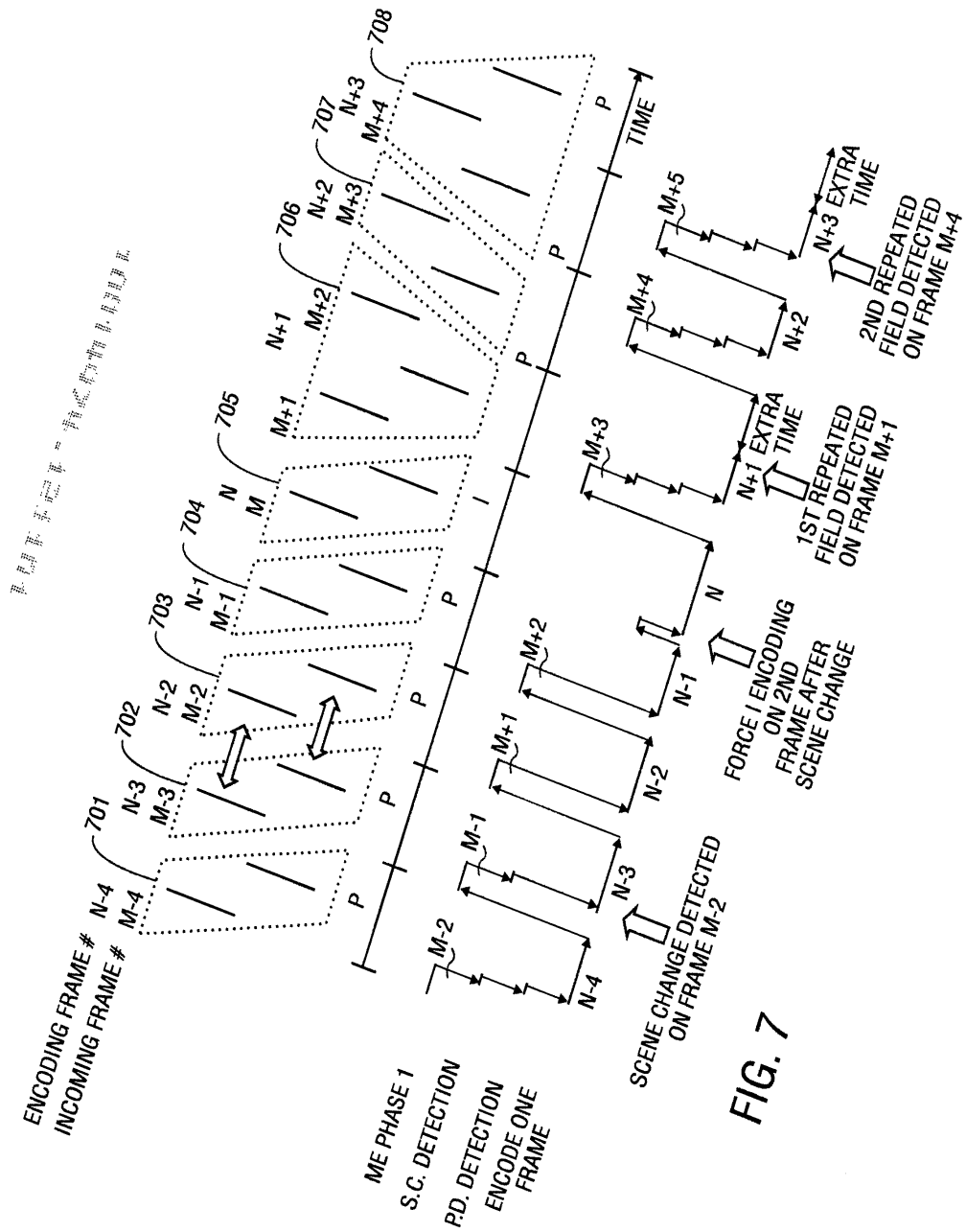
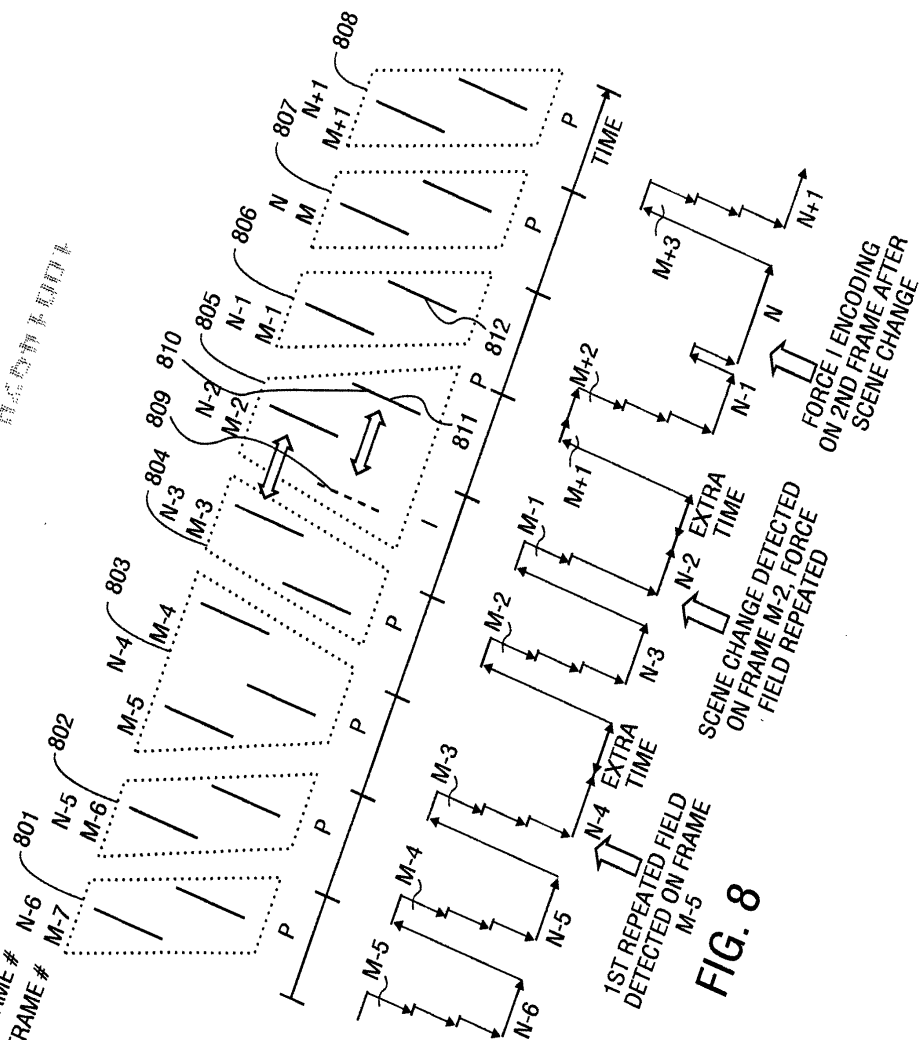


FIG. 7

ENCODING FRAME # N-6 } 801
INCOMING FRAME # M-7 } N-5 } 802
 ... }



ME PHASE 1
S.C. DETECTION
P.D. DETECTION
ENCODE ONE
FRAME

1ST REPEATED FIELD
DETECTED ON FRAME
M-5

FIG. 8

SCENE CHANGE DETECTED
ON FRAME M-2, FORCE
FIELD REPEATED

**FORCE 1 ENCODING
ON 2ND FRAME AFTER
SCENE CHANGE**

1004994-1-111

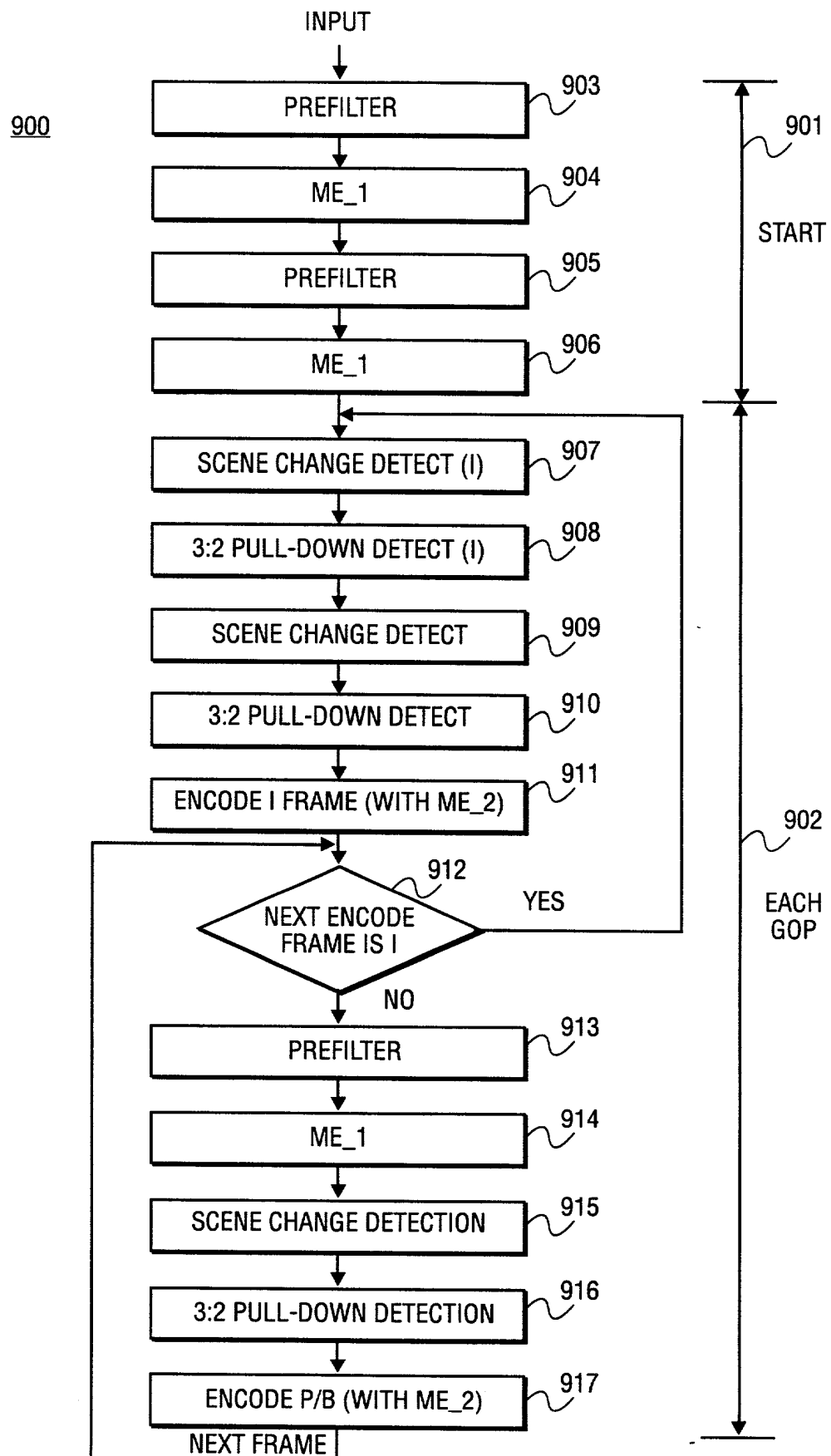


FIG. 9

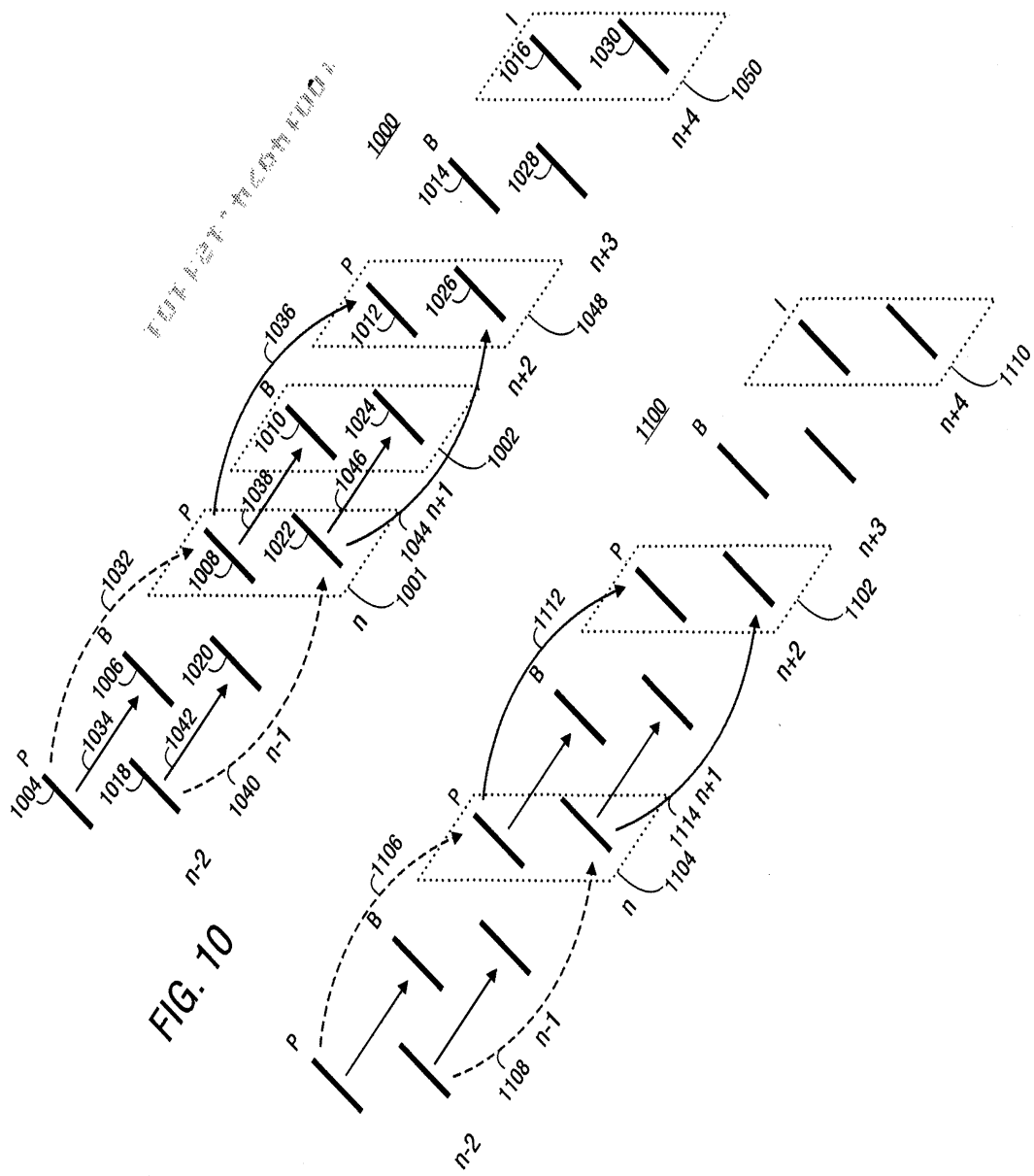


FIG. 10

FIG. 11

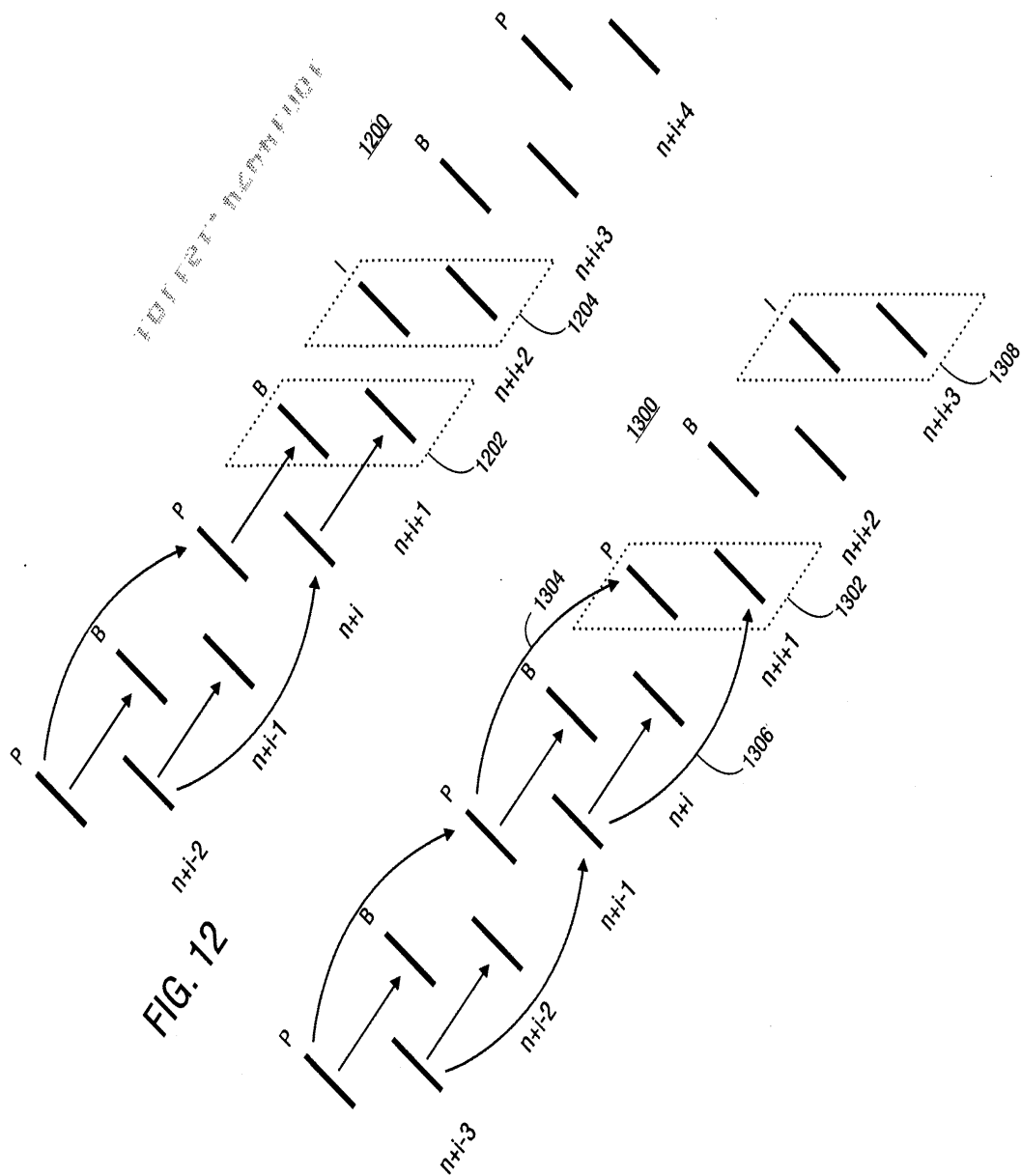


FIG. 12

FIG. 13

FIG. 15

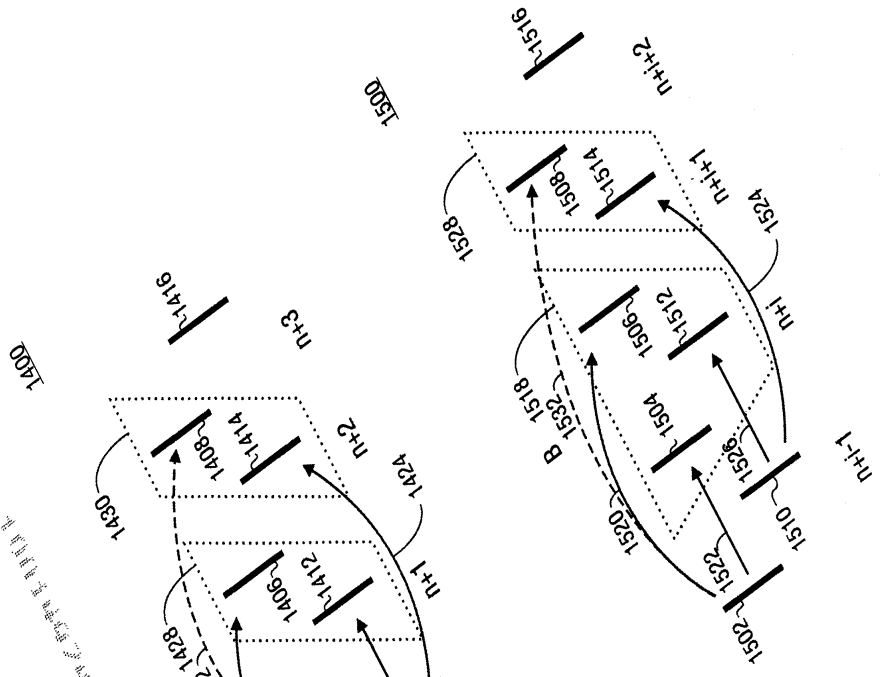


FIG. 14

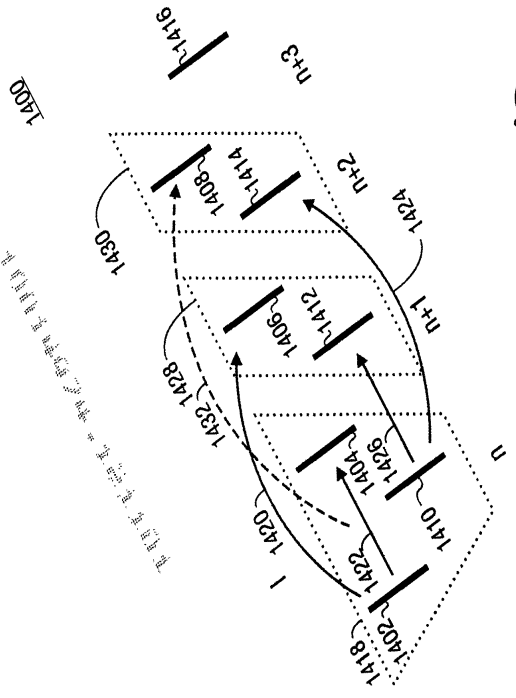


FIG. 14 and FIG. 15 are schematic diagrams of a sequence of operations or states. The labels 1400 through 1418 and 1500 through 1518 represent different states or operations in the sequence. The arrows indicate the flow from one state to the next. The labels $n+1$, $n+2$, $n+3$, and $n+4$ suggest a progression or iteration. The dashed line labeled 'B' indicates a feedback loop or a return path from the final state back to the initial state.

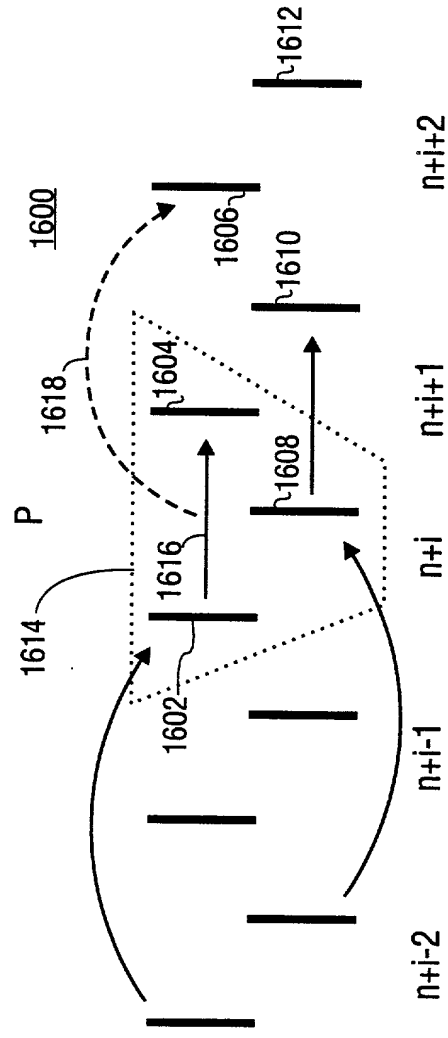
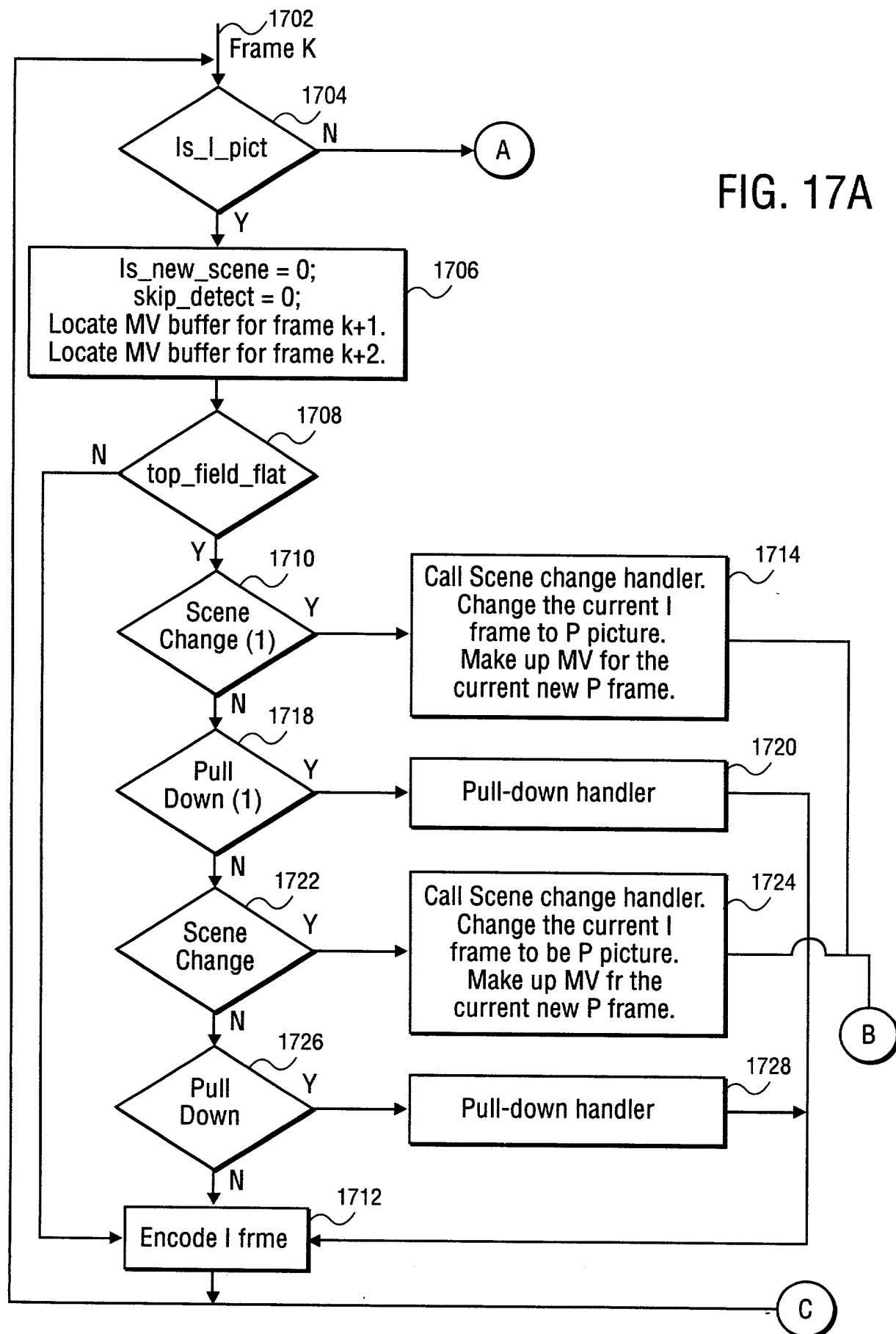


FIG. 16

FIG. 17A



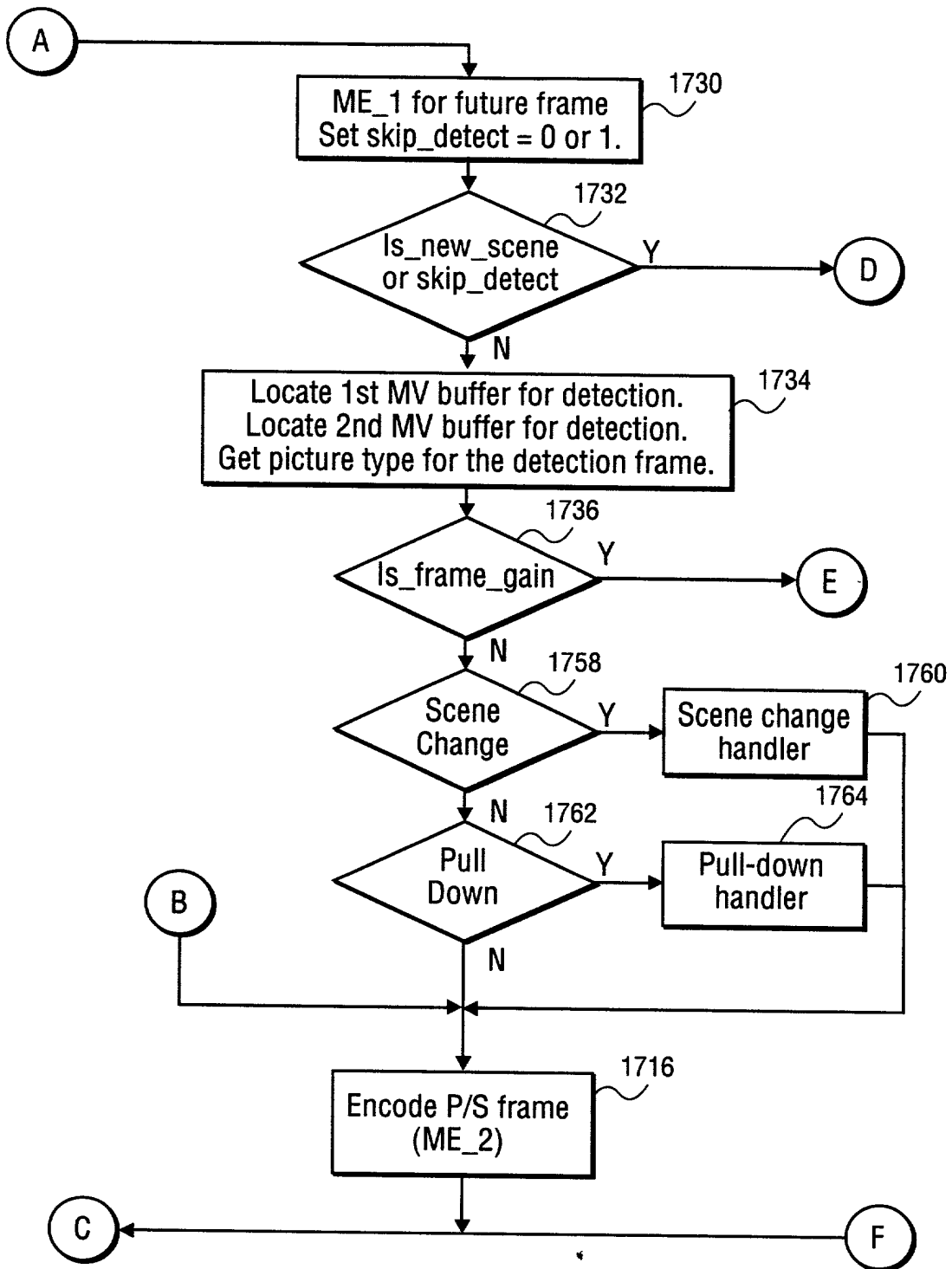


FIG. 17B

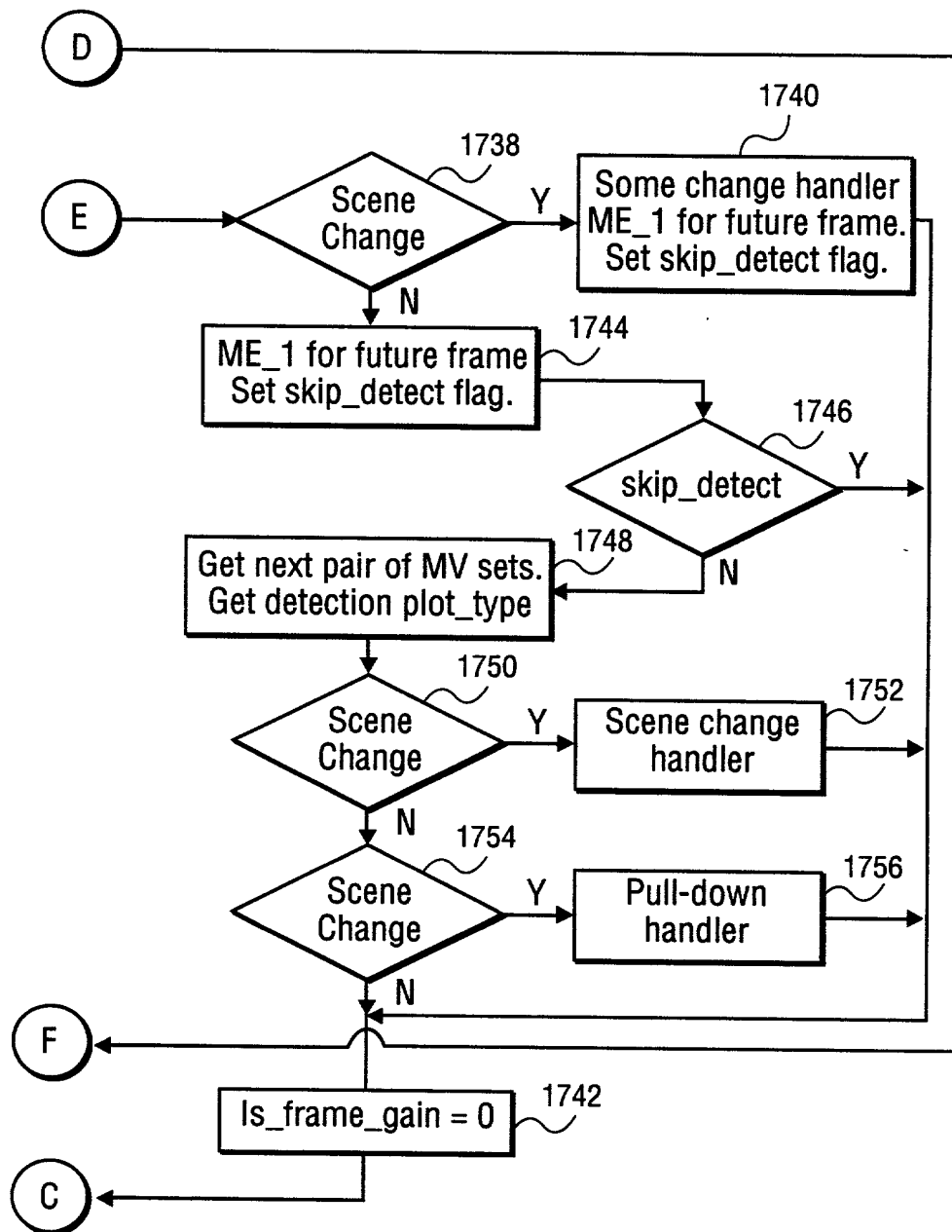


FIG. 17C

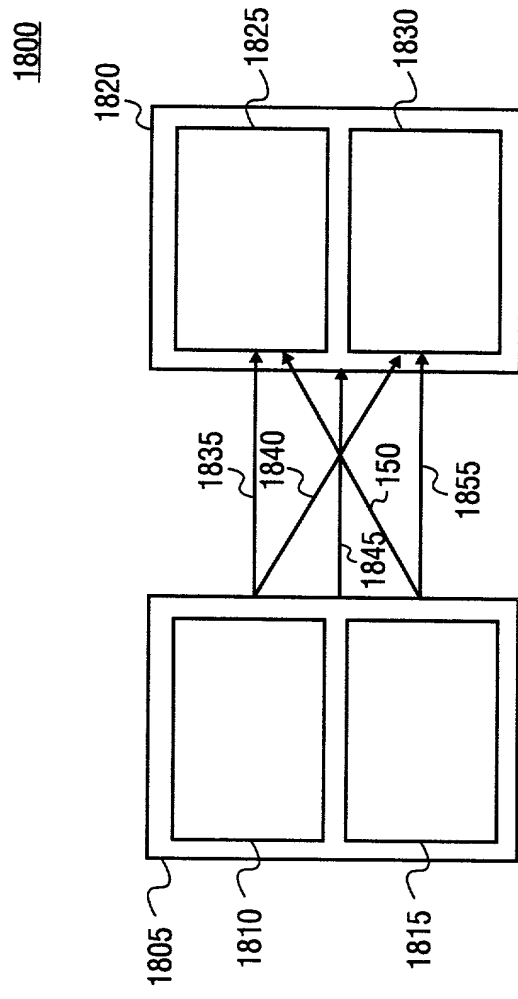


FIG. 18A

Top-field First

1860

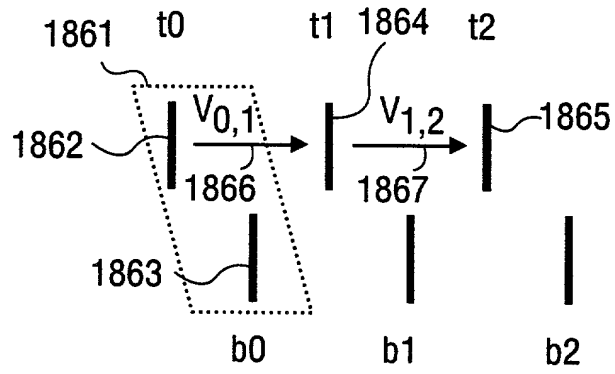


FIG. 18B

1870

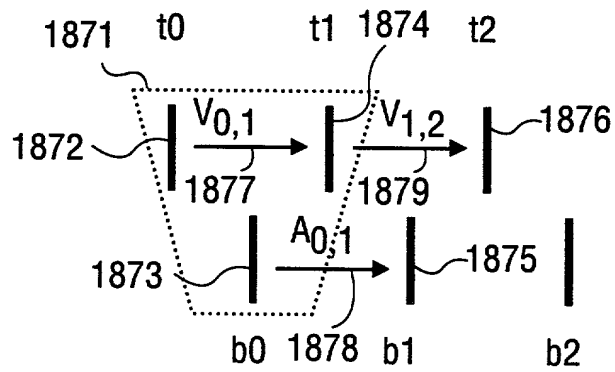


FIG. 18C

Bottom-field First

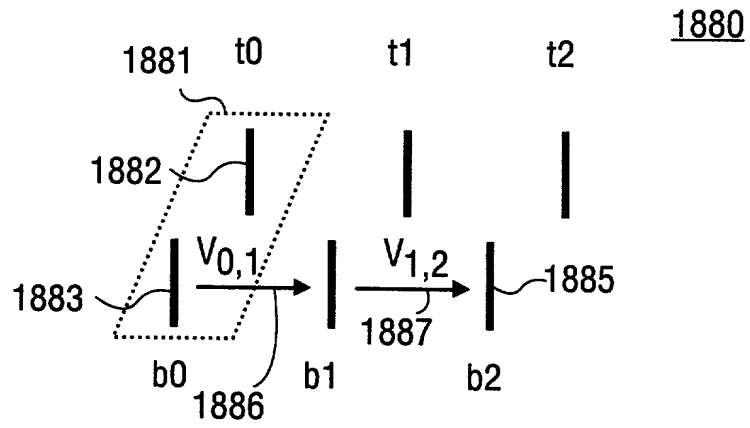


FIG. 18D

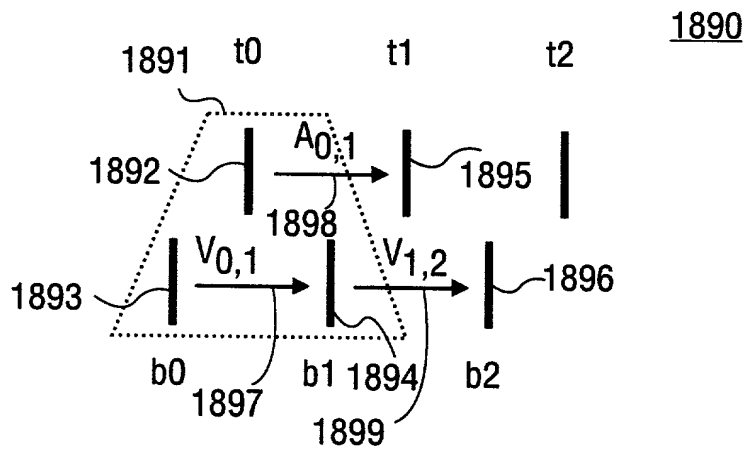


FIG. 18E

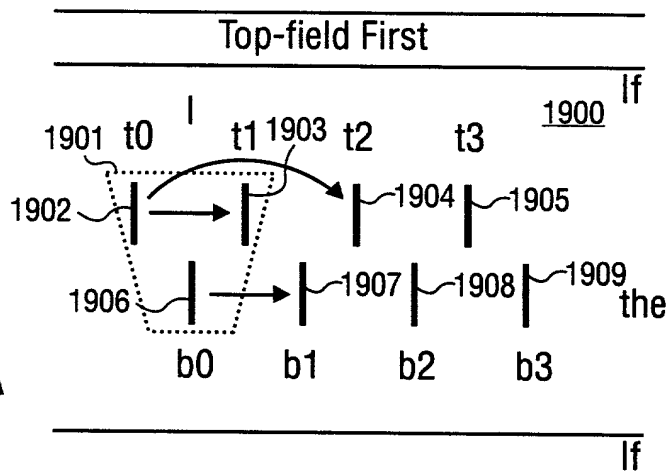


FIG. 19A

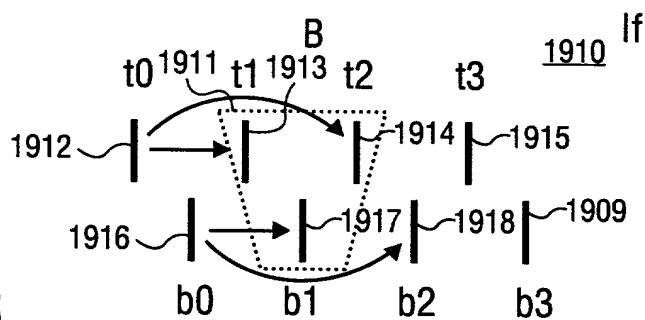


FIG. 19B

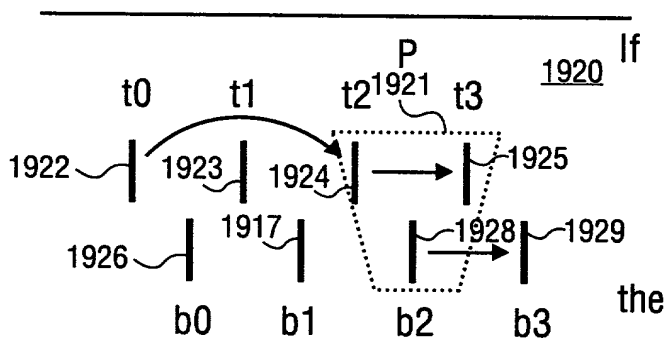


FIG. 19C

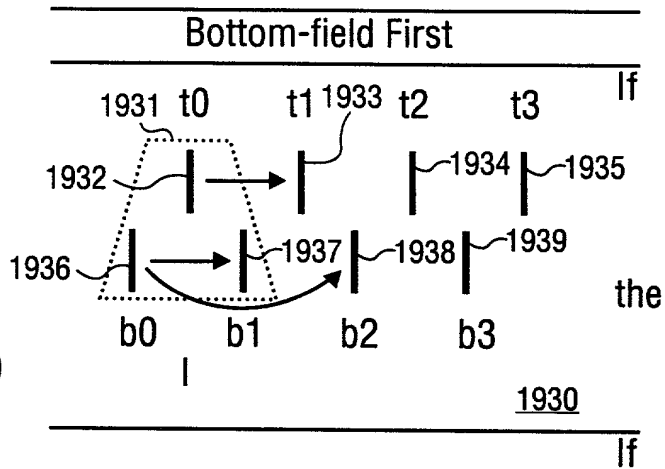


FIG. 19D

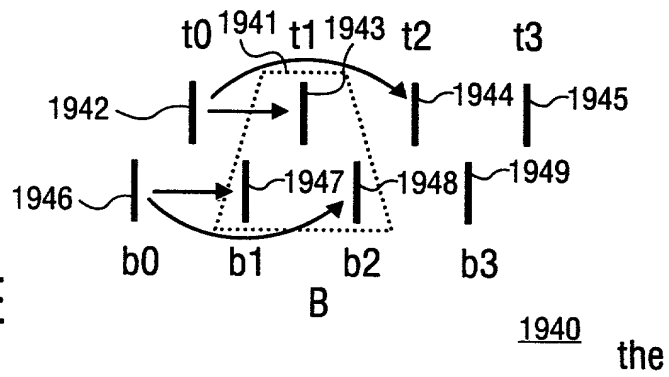


FIG. 19E

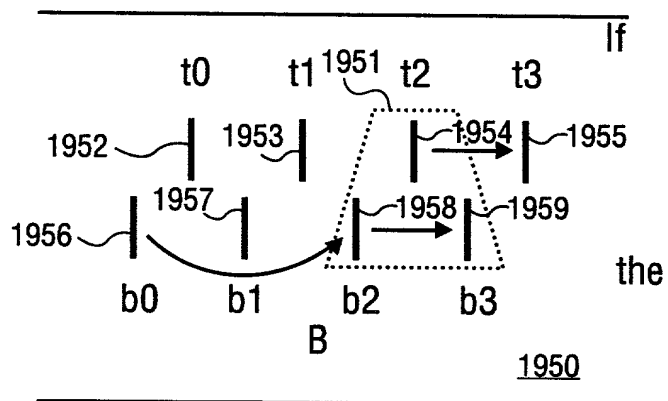
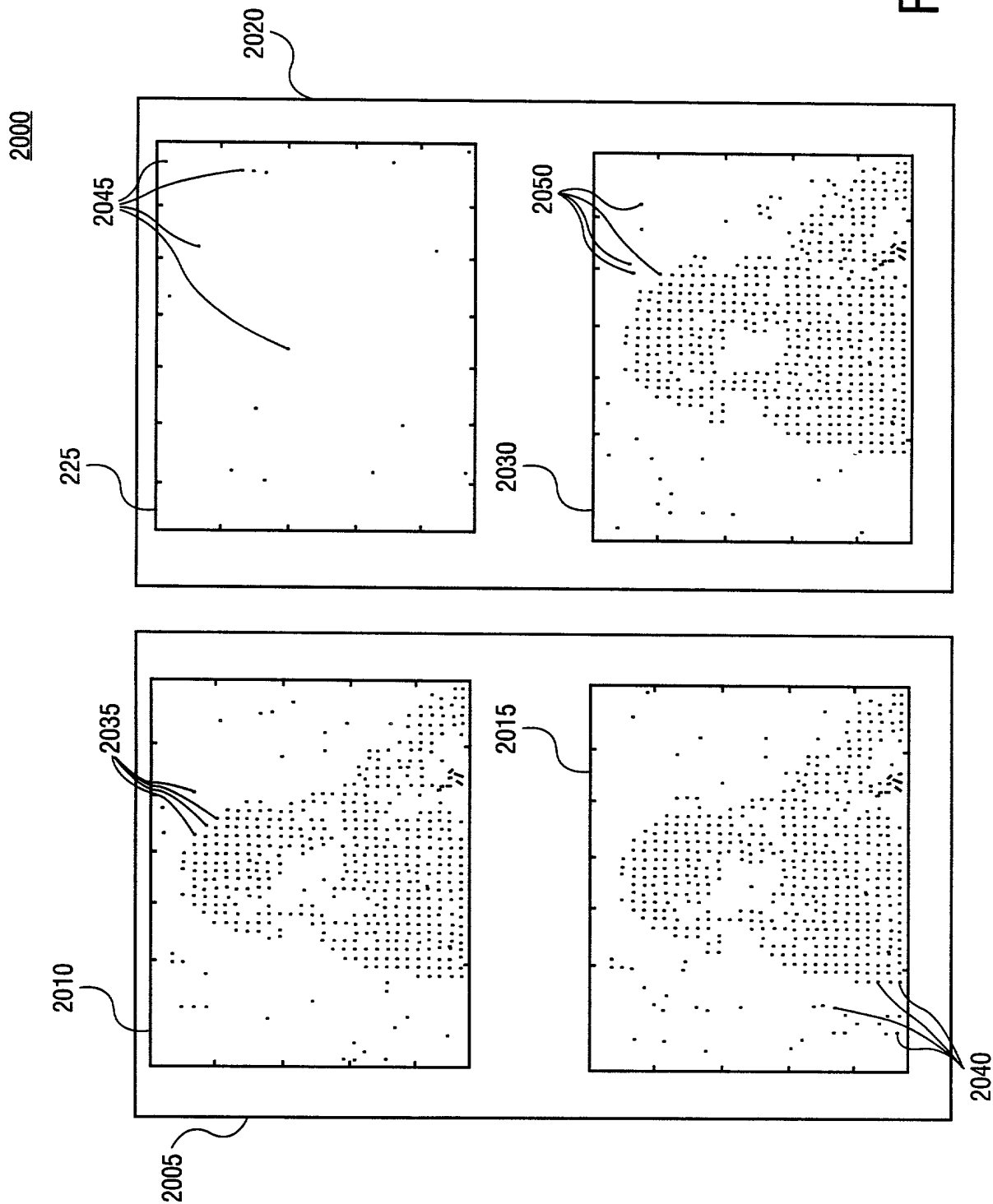


FIG. 19F



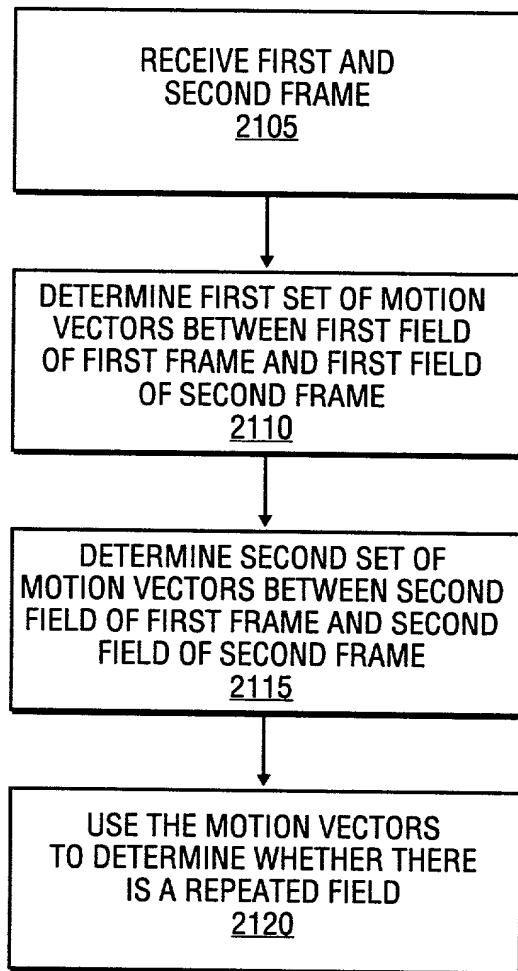


FIG. 21

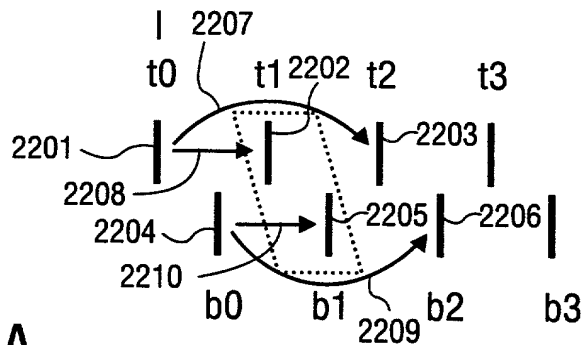
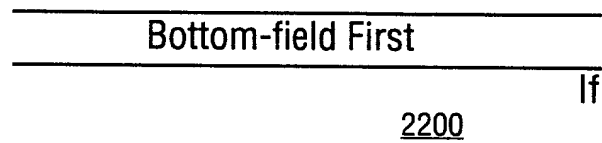


FIG. 22A

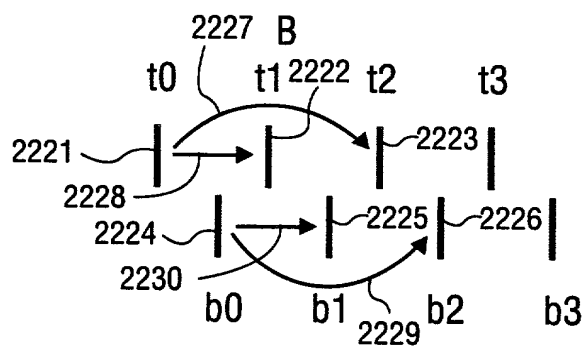


FIG. 22B

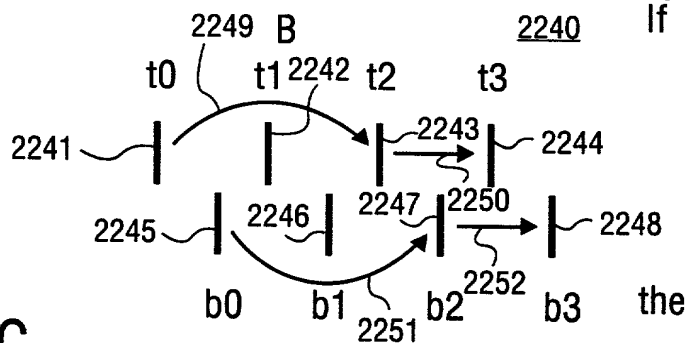
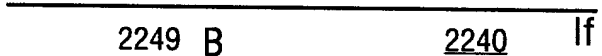


FIG. 22C

FIG. 22D

FIG. 22D

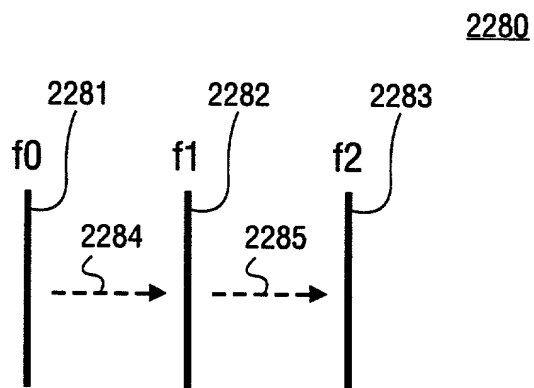
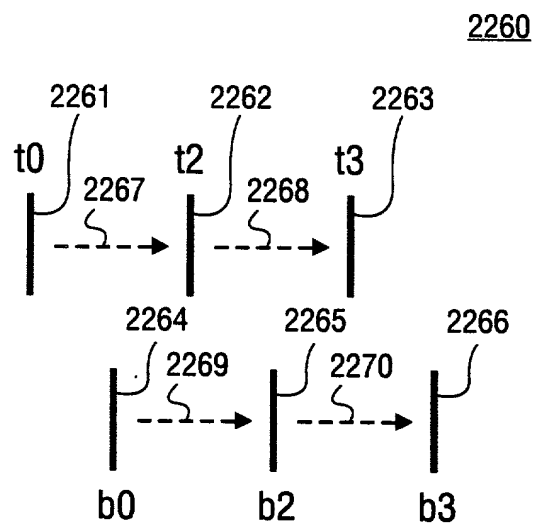
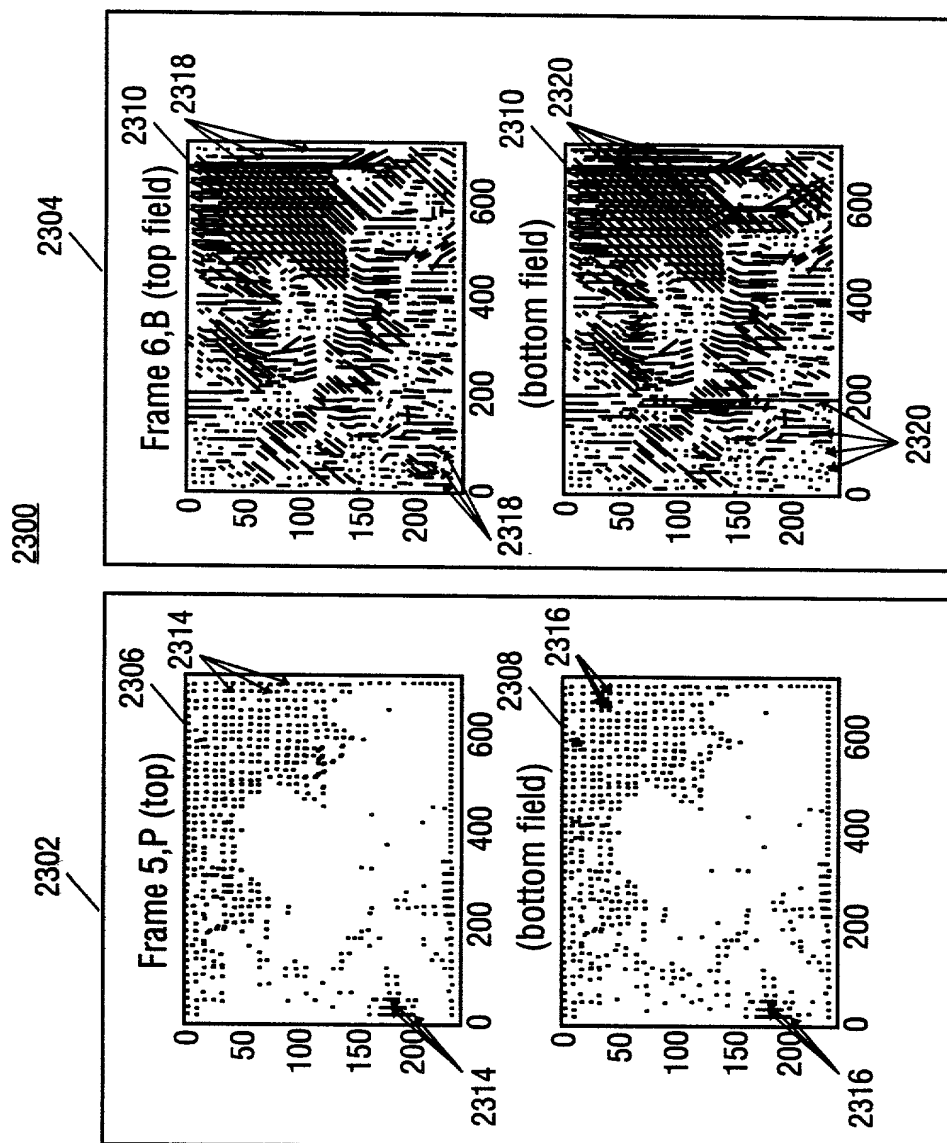


FIG. 22E



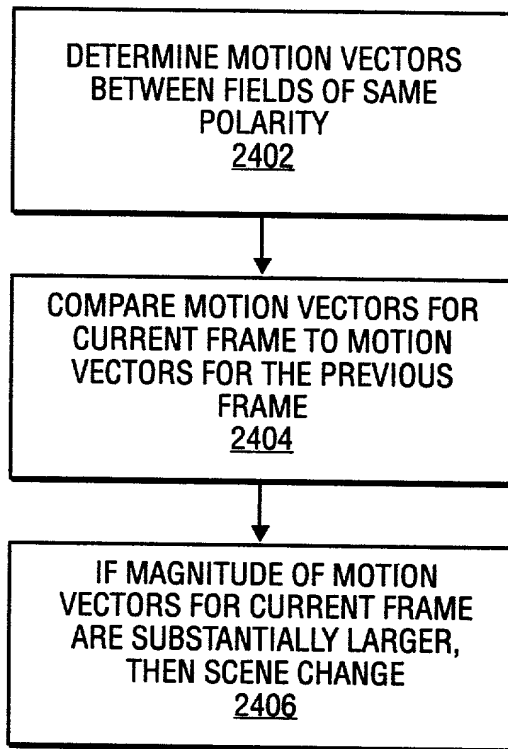


FIG. 24